

C.CRANE



**Come Visit the Redwood Coast and
Discover the Best Reception in the World!**

**800-522-8863 • ccrane.com
ANNUAL CATALOG 2016**

Words from Bob

For decades C. Crane has needed a modern, single story facility with a real showroom for our customers. Now we finally have one! We had a lot of good people who helped build it, and we are very grateful. We welcome a visit from you!

What is so good about Fortuna? It's a very friendly town and a great place to live. Located in Northern California, the surrounding areas are a natural paradise. We have miles of uncrowded beaches, the world's tallest trees, six nearby rivers and 680,000 acres of parks. In our area alone, there are Victorians to inspect and micro-breweries to sample. The fish you buy is very fresh or you can go and catch some of your own.

Check it out at ccrane.com/visitors. In August 2015, Humboldt was picked the second most beautiful county in the U.S. by the "Washington Post". Of course, I disagree with their findings (we should be number 1).

Radio is more popular than ever when you include all the listening formats available. A new generation is enjoying podcasts when they want to. Our products reflect our commitment to serve and to develop the best equipment we can. If you love radio we would love to see you.

Subscribe at: ccrane.com/newsletter



On the cover:

Upper Left: Tall Redwood Trees in Cheatham Grove
Upper Right: The Carson Mansion in Eureka
Lower Left: C. Crane's new home in Fortuna
Lower Right: Trinidad State Beach in Trinidad
Center: The CC Skywave

CC SKYWAVE



**With AM, FM, Shortwave,
Weather and the Aviation Band**

The Ultimate travel pocket radio!

The CC Skywave opens up a marvelous new world of radio when you're traveling. The reception, audio and durable build are what this radio excels at. The Skywave has an intuitive layout so it's easy to use. Incoming radio signals can be manipulated to reduce interference.



Sometimes it's important to find out what's going on. The Aviation Band lets you listen in on nearby pilots, air traffic controllers, and ground crew. English is the standard language used in aviation worldwide.

Included is a pair of our CC Buds for your listening pleasure, and a carry case. Rotary volume control.

Weight: 5.5 ozs. (without batteries). Size: 4.75" W x 3" H x 1.1" D.
Runs for 70 hours on two "AA" batteries (not included) or on optional AC power

Item #SKWV.....\$89.99
Item #SKWVP.....AC Adapter (optional).....\$14.99
Item #CCSWA....(CC SW Reel Antenna, pg. 23)....\$19.99



Portable AM/ FM/ WX/ 2-Meter Ham Band

Designed for long range reception and audio clarity

The purpose of the CCRadio-2E is to make weak signals strong and to produce crisp, accurate audio for the spoken word.

AM performance comes from our patented Twin-Coil Ferrite® AM Antenna and traditional FM reception is exceptional in its ability to bring in a weak station clearly. The audio of this enhanced version can be adjusted for accurate, warm voice rendition along with good musical performance.

This radio also has the weather band and alert along with the 2-meter Ham Band. More information about the 2-Meter Ham Band can be found at: CCRadio.com/2-meter.

Since the CCRadio's original debut the external design has remained the same but there have been countless revisions inside to improve performance, durability and audio. It is one of the most popular portables manufactured and many experts feel it is the best portable radio made.



Weight: 4 lbs (without optional batteries) Size: 11" W x 6.5" H x 4" D.
Runs on included AC cord or four (optional) "D" Batteries. Features include:
 clock and alarm, sleep timer, presets, and in/ out jacks.

Item #CC2BE.....Black Mica.....\$169.99

Item #CC2TE.....Titanium.....\$169.99



With AM, FM and Weather

Our pocket radio is a real blessing when on the go

We combined ease of use, great reception and sharp, well defined audio together in this little jewel of a radio. You can listen on the built-in speaker or the included high quality CC Buds that are tuned for the spoken word.

It has five easy to use, one touch memory buttons for each band and stands upright for best audio. Rubber coated sides help with grip.

- Display light, sleep timer, clock and alarm, belt clip
- FM stereo or mono switch and reception indicator
- NOAA Weather Radio with Alert (disables AM/FM radio while activated)
- About 75 hours of play with ear buds, 25 hours with built-in speaker using (2) AA batteries (not included)
- FM antenna wire included

The pocket of the Chest Harness is 3" W x 3" H x 1.25" D with (2) elastic cords. Can hold up to Galaxy 5®, iPhone 5®, or items 2.5" W x 2.5" H.

Weight: 3.8 oz. without batteries. Size: 2.5" W x 4.25" H x 1" D.

Item #CCPKT.....\$64.99

Item #WERKH....Chest Harness....\$29.99



Chest Harness



Bluetooth® Stereo Speaker

Stop with the tinny sound! Perfect phone pal.

The Senta Ally has excellent audio and is light, powerful and rechargeable. You can connect using USB, FM, Bluetooth®, SD card or the included 1/8" auxillary input cable.

With the Ally you can stream audio via Bluetooth® from your mobile phone, tablet, laptop, MP3 player and any other Bluetooth® enabled device. It is perfect for your next road trip, and great for listening to your favorite playlist from your phone or tablet while cleaning the house or working out. Is your favorite playlist on a thumb drive or SD card? It will play room filling audio from those as well.

The Ally delivers crisp, full range stereo sound with bass performance that makes it the center of attention. It is a remarkable value.

Weight: 9.8 oz. Size: 9" W x 2.2" H x 2.1" D. Charges via included USB cable. Includes battery pack, 1/8" Aux. Input Cable, USB Charging Cable, and Carry Bag with Strap.

Item #ALLY.....\$69.99

Bluetooth® logo is a registered trademark of Bluetooth® SIG, Inc.



AM/FM Portable Radio built with Simplicity

The radio that is "just a radio"!

The portable CCRadio-EP could be considered a super radio; built for ease of use and outstanding long range AM performance.

Great for listening to Talk Radio, NPR, Music and Sports, the EP has wide bass and treble adjustment range for defined music and voice reproduction.

A large 5-inch speaker is combined with a hi-fidelity amplifier and a "Wide/ Narrow" enhancement dial to give extra clarity to AM programs. For those extra weak AM stations simply fine tune the built-in Twin Coil Ferrite AM Antenna.

Includes external antenna jacks for those who live or work in a metal or concrete building and enjoy listening to a radio.

The EP is a true "analog" radio with dial tuning, so there will be some variance in the accuracy of the needle and dial. If you require pinpoint precision we recommend taking a look at one of our digital radios.

Weight: 4.5 lbs. Size: 11.4" W x 7.3" H x 2.75" D. Runs on four optional "D" batteries (not included). AC adapter is included.

Item #CEP.....\$84.99



AM/ FM/ Weather Windup Emergency Radio

Peace in a time of crisis

The Observer is a simple, affordable and compact radio with enhanced reception and audio performance. For emergency use it can be powered in four different ways and can charge many different USB type devices including cell phones in a pinch.

In 1992 three earthquakes hit Humboldt County where we live. All three registered between 6.5 and 7.2 in magnitude and all happened within a 17 hour period. Communication and services, including electricity, were hopelessly overloaded. In the Crane home shards of broken glass and bare feet were everywhere. All of our flashlights had been over used by our blessed children. We vowed to make a good emergency radio and light so that this would never happen again.

The radio can be powered by wind-up, optional AC power, solar panel or 3 "AA" Alkaline batteries (not included). In an emergency it can charge cell phones with the included USB port adapter.

Weight: 1 lb. Size: 7.25" W x 5.5" H x 2" D.

Item #COBS..... \$54.99

Item #OBA....AC Adapter (optional)... \$14.99

CC Witness Plus

DIGITAL MP3 RECORDER- Player with Built-In AM/FM Radio



The CC Witness Plus is compact and it records for hours. It is great as a travel radio and for podcasts. If you like to exercise to music, the CC Witness Plus can record your favorite music from the Internet. A special feature can detect song breaks and create individual recording tracks so you can skip to the next song or delete songs you don't like.

More information at: ccrane.com/witness

- AM and FM radio with 10 station presets per band
- Record up to 192kbps - CD quality (WAV)
- 2 GB onboard memory (up to 140 hours of recording time)
- SD card slot for more memory
- One-Touch Recording (Hold record button to select recording time)
- Built-in stereo microphones and line-in jack for recording
- Small built-in speakers. Earbuds included.
- Mini USB connects to a PC or MAC®

Item #CWTPLE..... \$149.99

CC Witness Plus Accessory Kit

The CC Witness Plus Accessory Kit includes a charging cradle to keep your Witness Plus fully charged without needing to use a computer. It also includes an AC adapter, clear carry case w/ belt clip and an arm band carry case. The cases come in handy for hands-free listening.



Item #PLACC (Accessory Kit)..... \$39.99

CC Witness Plus and Accessory Kit

Save \$10.00 when you buy the Witness Plus and Accessory Kit together.

You will have all the items you need for computer use, recording, and hands-free listening.

Item #PLKIT \$179.98

Item #4GB (4GB SD Card)..... \$14.99



Full Featured AM/FM Shortwave Radio

The world at your fingertips!

The purpose of the CCRadio-SW was born when an engineer's time went into producing some of the best reception and audio you could find in a portable radio. It has all the necessary tunings and tweakings available for excellent performance under various conditions and offers the best combination of sensitivity, selectivity and audio performance for any radio of this size.

This masterful radio delivers some of the best FM reception and, thanks to the built-in Twin Coil Ferrite® Antenna, the AM is exceptional as well. It has continuous coverage of the shortwave band with excellent reception right off the whip antenna. The five-inch speaker is accurate, pleasant and probably reproduces deeper bass than any portable of similar size.

The CCRadio-SW is one of the few radios with a mono switch. When activated the radio filters out the stereo FM multiplex signal which can add a hissing noise when listening to a weak station.

Weight: 4.2 lbs. Size: 11.25" W x 7.25" H (9" H with handle) x 3.5" D. Runs on four optional "D" or "AA" batteries. An AC adapter and antenna connectors are included. Features include: clock with dual alarm, sleep timer and headphone jack.

Item #CSW.....\$149.99



Internet Radio - Clock, Alarm & 99 Memory Presets with Pandora, Aupeo and Live365

Get even more of your favorite music and news for free!

Most people get a WiFi radio so they can listen to their favorite stations with perfect clarity. With the CC WiFi Radio the stations are always clear, no matter how far away they are. You are also able to pick up stations on the CC WiFi that are sometimes difficult to get on a computer.

With over 16,000 stations to choose from, you can find 10 or maybe 100 times more news and music with the CC WiFi than any other type of radio. For example, you will find about 500 stations each of Jazz, Classical, or Rock music to choose from. The radio can access these stations from any place in the world where internet is available.

The CC WiFi has good audio for its size and it can be connected to your stereo system for superb audio. You can also use our FM Transmitter-2 to send the WiFi signal to a nearby radio or stereo. No subscriptions, but an internet connection is required.

Weight: 1 lb. Size: 6.5" W x 3.9" H x 3.9" D. AC Adapter and Remote Control included. Uses Receive technology.

Item #CWF.....\$119.99

NOTE: C. Crane is not responsible for internet radio programs or their content.



Internet Radio with Bluetooth® and FM

Receive thousands of stations clearly

Open up a bold new world of listening to local radio, music, talk, sports, podcasts and FM with the CC WiFi 2.

Choose your favorite radio program or host and begin listening to Internet stations that are always crisp and clear. The radio uses TuneIn technology which has comprehensive search tools to help you find the radio programming you desire.

A large speaker with a simple equalizer gives room-filling audio. Create great audio from your mobile phone, tablet, Bluetooth® device, or flash drive with the CC WiFi 2.

Charging Via USB - Plug your smart phone into the CC WiFi 2 and start charging in a more convenient location.

No subscriptions, but an internet connection is required.

Weight: 2.8 lbs. Size: 8.75" W x 4.75" H x 4.75" D. AC Adapter and Remote Control included. WPS enabled.

Item #CWF2.....Black Mica.....\$129.99

Item #CWF2W.....Hand-rubbed Cherry Veneer.....\$159.99

NOTE: C. Crane is not responsible for internet radio programs or their content.

Relatively simple ways to improve WiFi range

WiFi is a necessary utility in this modern age and creating a fast stable WiFi connection at long range can be difficult.

In the “real world” WiFi signals have to travel through walls. The interference from other networks can leave us with a connection distance of about 300’ at best. Our WiFi Antennas can help increase this range to make a stable connection. We have listed approximate ranges with each product to help you make your selection.

Versa WiFi USB Adapter 3

Small, simple solution for travel

Plugs into your USB port and the 5dBi antenna gives about 300’ distance with a max of about 1/2 mile with no obstructions.



It comes with a magnetic stand and 8’ cable that can be placed on your vehicle or in a window where signals are received best.



Plug it in and the drivers automatically install (except if you have a MAC® or older Windows).

Windows XP through 10, MAC® 10.4-10.8 compatible. 8’ cable included.

Item #WF3.....\$29.99

7dBi WiFi Antenna

This replaces the smaller stock antenna found on your router. It is the easiest way to increase the range distance by approximately 30% to 50%.

Check ccrane.com/7dBi to be sure the fittings will match RP-SMA type connections.

Item #7SMA.....\$9.99



WIFI

Super USB WiFi Antenna 3

Boosts WiFi reception! Home/Mobile/RV

Give your computer a powerful WiFi boost. Base range is 300' and in our extreme distance tests we connected to a network a mile away (with no obstructions).

Plug it in to the USB port and drivers automatically install (except if you have a MAC® or older Windows).

Indoor/outdoor rated. Windows XP through 10, MAC® 10.4-10.8 compatible. See page 15 for our repeater systems.

Size: 1.4" W x 10" L x 0.6" D. Antenna weight: 1.8 ozs.

15' USB split cable, suction cups, mounting strip, cable tie, lanyard, grommets and software included.

Item #US3.....\$69.99

Item #SPC....30-ft USB Cable (optional).....\$19.99



CC X Mile Omni

Improve your computers WiFi reception in all directions in your RV, Boat, or Big Rig. The CC X Mile Omni is made for outdoor use with solid construction mounting to a pole or ladder. Plug in the 30' cable to the USB port of your Windows computer and the drivers normally auto-install. Seconds later your WiFi is greatly improved.

8dbi antenna and software included. Windows XP through 10, MAC® 10.4-10.8 compatible.

Antenna size: 1" W x 22" H. Antenna Wt. 14 ozs. Total wt. 1.3 lbs.

CC X Mile WiFi Receiver, 8dBi Antenna, 30' USB split cable, software, mount & hardware, sealant and silicone grease included.

Item #XMILE8 (OMNI).....\$119.99



CC X Mile Long Range

Great solution for improving WiFi at a fixed location for one computer. Similar to our original CC X Mile Omni, the Long Range version uses a directional 15dbi parabolic antenna to increase speed and reduce interference from other WiFi networks.

Windows XP through 10, MAC® 10.4-10.8 compatible.

Antenna Size: 15.75" W x 11.8" H. Antenna Wt. 3.3 lbs. Total wt. 8.25 lbs. CC X Mile WiFi Receiver, 15dBi Antenna, 30' USB split cable, software, mount & hardware, sealant and silicone grease included.

Item #XML15.....\$129.99



Super WiFi Repeater System

It is now possible to pull in a relatively distant WiFi signal and provide a hotspot at a location of your choice. Base range is about 300' and in our extreme distance tests we connected to a network a mile away (with no obstructions).

The repeater will simultaneously broadcast to all your WiFi devices in your home, boat or RV. There are no drivers to install! Follow the setup guide and install your password. Normally capable of supporting one streaming video connection like Netflix™ or several users browsing the internet simultaneously.



3.7 lbs. AC adapter, 15' USB split cable, 18" ethernet cable, suction cups & lanyard included.

Item #SEAK.....\$149.99

XTREME-8 Repeater System

Repeat distant public WiFi to all your devices in your RV, boat, or Big Rig. The Xtreme-8 Repeater system includes our CC X Mile Omni, which mounts to a pole or ladder outside your vehicle, and connects to the repeater inside. The 8dBi antenna does not require aiming and receives in all directions. Normal range is 400' and in extreme distances over a mile, with no obstructions.



4.5 lbs. 30' USB split cable, software, mount & hardware, sealant and silicone grease included.

Compatible with almost all devices with WiFi.

Item #XTRM8.....\$169.99

XTREME-15 Repeater System

The Xtreme-15 uses a directional 15dbi parabolic antenna to increase speed, and reduces interference from other WiFi networks. The system mounts outdoors to a fixed location.

Normal WiFi range is about half a mile. Max range of about 3 miles depending on the router it's connecting to, and obstructions. Compatible with almost all devices with WiFi.

8.95 lbs. 30' USB split cable, software, mount & hardware, sealant and silicone grease included.



Item #XTRM15.....\$179.99

WIFI

Introduction to Specialized Systems

The following specialized WiFi systems can double your Internet speed over other types of systems. It requires custom settings and hardware. We offer a variety of specialized long range systems for higher data speeds and simultaneous users. We recommend you have some knowledge of this type of equipment or have professional installer experience. The systems are normally configured and wired at C. Crane for your purpose. A secure password must be obtained from you. C. Crane deletes passwords after your system has been configured so you must retain it. **More information on these systems is available on our website or please call us if you are interested in one of the following systems:**

Long Range WiFi Bridge System Comes Configured and Wired

It's the best way to connect two locations to the same network wirelessly up to 3 miles away. Two parabolic antennas (sold separately) that will be mounted and face each other without any obstructions.

The signal between the two points is highly encrypted and very secure. You can think of it as a wireless Ethernet cable that works at long distances.

Internet service is supplied by you.



Custom Access Point WiFi System

Provides outdoor WiFi service for 20 to 50 people downloading general content and email, as found at an RV Park or military type camp. Capable of handling 3 or 4 people streaming video simultaneously. Connect the included 50' Ethernet cable to your existing router and place outdoors where the signal can be received best. Our 8dBi Omni-directional antenna (sold separately) gives good coverage from 1/4 to 1/2 mile in all directions.

Custom Station to Router WiFi System

An easy way to create a router station just about anywhere, using a distant WiFi signal. Once set up, just plug in a WiFi router (not included) and it works like a normal Internet connection. Similar to the WiFi Bridge System but requires only half the equipment. It can connect to any WiFi signal or hotspot where you have password permission. Our 15dBi parabolic antenna (sold separately) is recommended. Normal incoming reception is about 1/2 mile but can reach up to 3 miles. Depending on the originating antenna and interference from other nearby networks.



Senta 40 Wooden Headphones

Musician designed and coveted by professionals

They look like they sound: smooth, clean, clear and natural. Offering a full range response and incredible stereo imaging, the Senta 40's deliver your music faithfully, and they're really comfortable.

The headband is lightweight and adjustable. Ultra soft ear cushions on ebony wood offer long lasting comfort.

The headphones feature a folding design for convenient storage and portability. 1/8" stereo tip plug. Detachable 4-foot fabric cord and carry case included.

Item #S40HP.....\$59.99



Senta 9 Earbuds

Musician designed

The Senta 9 earbuds perfectly balance science and art. Advanced sound isolation prevents external noise from mixing with your audio, allowing you to immerse yourself in sound without reaching damaging volume levels.

They are great for athletic life styles, professional applications, or just every day listening. The Senta 9's are designed to stay in place comfortably.

4'-4" cord with mute, 1/8" stereo tip plug, earhooks, extra ear pieces, lapel clip and carry case included.

Item #S9EB.....\$19.99

AUDIO

Voz Headphones

The Voz are good-sounding headphones at an affordable price. They have very good bass response for music and they are accurate when listening to talk radio. They are probably better than a similar pair you might find at a big box store but for much less. Adjustable headband, large ear cushions, 1/8" stereo tip plug and 7-foot cord.



Item #VHP1.....\$14.99

Voz Earbuds

Nothing fancy here, but make no mistake, these no-frills earbuds are some of the best we tested. They're an inexpensive upgrade for any portable audio player. Enjoy the richness of every note and the clarity of full stereo sound.

We include four extra ear cushions with every order.
1/8" stereo tip plug. 4-foot cord.



Item #BWC.....\$9.99

Over The Earphone



The Over The Earphone speaker looks unusual but it is comfortable, durable, and has good voice audio quality. We have some law enforcement and news program listeners who use it for steadfast listening where good comfort is a concern, along with still being able to hear when someone talks. 1/8" stereo tip plug. 5-foot cord.

Weight: 0.8 oz. Size: 1.8" W x 2.8" H x 0.5" D.

Item #OTE.....\$9.99

Stereo Audio Patch Cable

This 36" long mini 3.5mm 1/8" stereo audio patch cable is heavy duty and has a right angle connector that helps absorb pressure on the headphone jack of your smartphone or audio device.

1/8" Plug. Cable is 36" (3 feet) Long.



Item #WERK3.....\$8.99

CC BUDS

Tuned for the spoken word

The CC Buds unusual, high quality drivers are tuned for excellent voice rendition. They are designed for maximum comfort while holding a snug fit.

Since we are all about audio and reception, C. Crane was lucky enough to have James, a musician going for his doctorate, make us the best earbuds possible.

We tried dozens of different drivers and housings to find the best combination of audio. James eventually found the match that was perfect for voice and music without the heavy bass. Great for audio books too!

4' cord with strain relief, 1/8" stereo tip, and extra eartips included.



Item #CCBUDS.....\$12.99

Crystal Earphones - Timeless Quality



These are the highest caliber single ear plug earphones available. The small earphone comes with a separate plastic hook that can loop over your ear for comfort and is preferable for those with smaller ears. 1/8" stereo plug. 6-foot cord.

Item #SCE.....Small.....\$3.99

Item #LEP.....Large.....\$5.99

Standard Pillow Speaker

While not quite in the same league as our SoftSpeaker™ Pillow Speaker, this standard pillow speaker does have good audio quality and is loud. Break resistant wire. 1/8" stereo tip plug. 6-foot cord.

90-day warranty.

Weight: 3.7 oz. Size: 3.3" W x 3.5" H x 1" D.

Item #PSS.....\$7.99



RADIO ACCESSORIES



SoftSpeaker™ Pillow Speaker

This pillow speaker has saved a marriage or two ...

The SoftSpeaker is the first pillow speaker designed not just to go under your pillow. It can sit right on your pillow, closer to your ear, so only you can hear it.

To create the SoftSpeaker, we started with a rare earth magnet speaker. It is encased in soft padded foam and enclosed in a teddy-bear soft cover. The cover is so plush you can rest your ear right on it. We realize pillow speaker's break, so our design uses a high quality, fiber reinforced cable and a durable, flexible, strain relief help improve longevity.

The SoftSpeaker-2 has an in-line volume control so you don't have to reach for your radio or phone to control the volume. Both speakers offer the perfect combination of comfort, privacy and quality. Plug the speaker into the headphone jack of any radio or smart phone, put it on your pillow and enjoy some of the highest music and voice fidelity available.

Size: 2" Dia., 6.5' cord with 1/8" stereo plug. Removable, washable cover. (Pat. #US D466,886 S). One year warranty.

Item #PS2.....SoftSpeaker.....\$22.99

Item #SSV.....SoftSpeaker-2 with Volume Control.....\$24.99





Digital FM Transmitter-2

Send near broadcast quality audio from your mobile phone or any audio device to any nearby FM radio!

The FM Transmitter-2 uses common FM radio waves to send sound from any device you choose to any nearby FM radio or stereo system. The only wire you have to connect is from the FM Transmitter to a headphone jack. You can use it with your iPhone®, WiFi internet radio or even your satellite radio.

While most people use it to send music from their computers or MP3 players to a nearby radio, some customers have told us how they use it with their televisions, guitars, portable DVD players or iPod® (a lot of fun in cars) and even other radios.

It has a thumbwheel that allows you to adjust the input for best audio quality and a two-level LED indicator to help set optimal signal level. It broadcasts clean, very high fidelity stereo audio.

Maximum distance is about 45 feet line of sight with no obstructions. Broadcast distance will vary depending on your location (for more information, Google search: *ccrane fm transmitter-2*).

FCC compliant. Choose any FM frequency between 88.3 MHz and 107.7 MHz. Portable, fits in the palm of your hand.

Weight: 5.8 oz. Size 3" W x 3.5" H x 1" D. Runs on two (optional) "AA" batteries. AC Adapter, 6" dual RCA plugs to 1/8" stereo jack patch cord included.

(Patent # US D483,024S)

Item #FM2.....\$49.99

ANTENNAS



Twin Coil Ferrite® AM Antenna Signal Booster

Capture AM like never before

The Twin Coil Ferrite® AM Antenna is ideal for boosting most AM radio reception problems. No matter what kind of radio you're using the antenna will reduce 90% of nighttime fade out, and help reduce static and distortion. The Twin Coil can double the audio clarity of any weak station during the day.

The antenna was designed to work with everything from portable radios without antenna connectors to home stereos with wire antenna terminals. Its wireless ferrite stick works on radios without antenna connectors.

The antenna element is capable of picking up a clean signal some distance from your radio and sending it to the radio and overriding the static. This feature alone can make it the ideal AM antenna because there is no other way to get a clean signal. It has the highest gain of any commercial AM antenna.

The antenna element has directional characteristics. By rotating the antenna element in a window or outside you can improve the signal strength. As with any antenna, you may need to take the time to experiment to find the best location (Pat. #US 6,529,169 B2)

Patch cords, antenna, tuner, ferrite stick, mounting hardware and AC Adapter are included. The tuner can take a 9V battery (not included) for off grid use.

Item #TCA.....\$99.99



Terk AM Advantage

When you want better AM reception, but also want an AM Antenna with some style points, you have a great choice.

The Terk comes with wires, so you can connect it directly to your stereo or radio. You can also use it just by setting the antenna near your AM radio (through a process called inductive coupling).

The Terk AM Antenna outperforms any of the smaller antennas normally included with a home stereo system.

Size: 9.25" high.

Item #TR1.....\$44.99

CC SW Reel Antenna

The CC SW Reel Antenna is a convenient and inexpensive way to improve the reception of any shortwave radio. Just attach the end clip to the telescoping antenna of your radio and extend the antenna up the wall or to a window. Winds up into a sturdy case for portability.

Size: 4" W x 2.9" H x 0.8" D.

Antenna length is 23".



Item #CCSWA.....\$19.99

FM Reflect Dipole Antenna



Our best indoor FM Antenna that also works wonders with HD FM Radio.

A quick and easy way to improve the FM reception of your portable radio or stereo receiver is with an affordable FM Reflect Antenna. The FM Reflect can be bent and shaped to get the best reception from the circular polarization now used by many FM stations.

Size: 54" all-copper element with an 8-foot feed line. **Weight:** 8.5 oz.

Comes with "F" connector, balun spade connector and alligator clip.

Item #FMW.....\$34.99

LIGHT



CC Lantern Wind-Up LED Lantern

Make it exciting when the lights go out!

Just pop up the lantern from its self-storing body and choose between low and high to light your way. This excellent, compact lantern makes it perfect for camping, hunting, or keeping in a calamity kit for natural disasters.

All adapters and cables are included for charging the lantern using a USB port or 12 Volt car adapter. Also, you can charge your mobile phone using the lantern's USB port or the 12V socket USB adapter in your car. Charges most phone models, including Android™ and BlackBerry™, but not iPhone®.

Size: 4.2" W x 9" H x 4.5" D. - Collapsed size: 6.1" H.
Weight: 17.5 ozs.

Item #DLL.....\$44.99



Power Vivid® Pocket Flashlight

The handy Power Vivid delivers an intense white beam of light from a single bright LED, using a single (AA) battery (not included).

Features include a durable aluminum housing, detachable keychain lanyard, it's waterproof and has a push button on/off switch.

Size: 3.7" L x 0.8" Dia.

Item #PVF.....\$7.99

The CC LED Spot XB

Gives off nearly 100 watts of the old incandescent style light.

- Less than 1/2 the weight
- Uses less than 1/2 the battery power
- Long lasting

Advanced 10 watt LEDs are surprisingly 3 times brighter than our previous Spotlight.

With 3 "C" batteries you will get approximately 5 hours on High, 10 hours on Medium, and 60 hours of use on the Low setting. Also an emergency flash for safety. Rubberized high impact plastic.

Wrist lanyard and adjustable stand included. O-ring sealed and water resistant IPX4. 500 lumens. The logic of the Hi/Med/Lo/Flash is exclusive to C. Crane.

3-year limited warranty by C. Crane. Size: 5.9" W x 5.6" H x 3" D. Weight: 10.2 ozs. Runs on three "C" batteries (not included). Wrist lanyard included, shoulder strap sold separately.



NEW!

Item #SPOTXB.....\$49.99

Item #SPOTXBSTP.....\$4.99 (sold separately)

Unity Plus LED Flashlight



The Unity Plus is perhaps the perfect combination of power, size, weight and run time.

We have received praise from law enforcement saying it was the last flashlight working in a late night maneuver.

The Unity can be focused to an intensely strong beam, and the wide beam setting is great for general use. At a distance of 50' the light can be narrowed to 2' wide. Perfect for long distance

spotting. The handle is the right size for a firm grip and for self defense.

On a set of (2) "C" batteries you will get about 4 hours of continuous use on the high setting, and about 22 hours on low. The logic of the Hi/Lo/Flash sequence is exclusive to C. Crane.

Batteries not included. Single 3-Watt LED bulb. Size: 8.5" L x 1.63" Dia.

Item #UPLF.....\$34.99

LIGHT

CC Trek 4-LED Waterproof Flashlight

The original CC Trek 4-LED Flashlight started a flashlight revolution in 1998 and is still the one by which to be measured. You get over 40 hours of bright light, and after that, over 100 hours of useful light. The long battery life and shockproof, slim design make this the perfect flashlight for a backpack or purse.



The soft, even light cuts through darkness better than incandescent flashlights and without the frustration of a fragile filament bulb. The 4 LED bulbs last about 30,000 hours. Durable "twist on/twist off" switch. Tested waterproof to 160 feet. Elasticized lanyard included. Highest quality.

Made in USA. U.S. Patented.
C. Crane Exclusive.
Lifetime limited warranty through
Tektite Industries.

Weight: 4.5 oz. Size: 7.4" x 1.3" dia.
Runs on three "AA" batteries (included).

Item #CCB4...Black.....\$34.99

Item #CCY4...Yellow.....\$34.99

White LED Magna-Lite Reader Magnifying Glass

With the Magna-Lite Reader Magnifying Glass the batteries last four times longer and you get about twice the light than that of the original incandescent bulb! And, the LED bulb is guaranteed for life. The LEDs make the Magna-lite Reader the ideal quality tool for detail. The rim protects the lens.

Classic quality for hobbies, reading maps, books and the newspaper. The main lens is 2x and the smaller lens is 4x. Made in USA. Runs for about 24 hours on four "AA" size batteries. (included).

Lens 3-3/8" Dia.
Handle 1.625" W x 9" L x 3.75" Dia.

Item #MLR.....\$39.99





Solar Battery Charger - AAA, AA, C, D and Prismatic

Let the sun charge your batteries! This solar charger holds two Rechargeable Batteries of the same type and size (AAA, AA, C, D and Prismatic). It puts out about 150mA and about 5 volts. Many other solar battery chargers tested were unsuitable because their voltage was too low.

There is a built-in stand on the bottom of the charger, which can be adjusted so that the charger points directly towards the sun. This will allow you to get the maximum charge rate for your batteries. The meter on the top shows you the current output from the solar panel. A diode is used to block current when there is no sun so the batteries stay charged. The solar charger will also charge 7 different sizes of Prismatic rechargeable batteries. Prismatic batteries are a fairly new battery used for some mobile devices.

The Universal Solar Battery Charger is small which makes it convenient for home, extended power outages and outdoor activities.

Size: 6.8" W x 4.5" H x 2.3" D.

Item #SBC.....\$24.99

Rechargeable Batteries

"AAA" 1000 mAh NiMH Batteries	-Each price: \$2.99. Item #N3A
"AA" 2500 mAh NiMH Batteries	-Each price: \$2.99. Item #NHA
"C" 5000 mAh Batteries	-Each price: \$9.99. Item #NC
"D" 10,000 mAh Batteries	-Each Price: \$14.99. Item #ND



Garden Noise Reduction Headphones & Radio Kit

Noise Reduction Headphones combined with a great radio

Some of the more unpleasant jobs are weed eating, grinding, polishing and riding a lawn mower.

The WERK kit can quickly become an indispensable friend in noisy environments. Unfortunately it is difficult to build a good radio into noise reduction headphones that will survive the twists, bumps, drops, dust and rocks when working outdoors.

C. Crane's WERK radio kit gives a more durable solution - better reception along with a Noise Reduction Rating of 25 decibels.

We supply the CC Pocket Radio, Noise reduction headphones and a heavy duty 3' patch cord. The patch cord has a right angle connector to help absorb pressure on the headphone jack.



Chest Harness

The pocket of the Chest Harness is 3" W x 3" H x 1.25" D with (2) elastic cords. Can hold up to Galaxy 5®, iPhone 5®, or items 2.5" W x 2.5" H.

Item #WERK.....\$99.99 (includes all but chest harness)

Also sold separately;

Item #WERK3.....Heavy Duty 3' Patch Cord.....\$8.99

Item #WERKHP.....Noise Reduction Headphones.....\$39.99

Item #CCPKT.....CC Pocket Radio.....\$64.99

Item #WERKH.....Chest Harness (Sold Separately).....\$29.99

Customer Service:

Our customer service department is available at 800-522-8863 or by email at: customerservice@ccrane.com, Monday through Friday, 8:15am to 5:00pm PST. We want to build a positive relationship with you so please contact us if we can help with any product questions you may have.

Warranty information:

All our products come with a full manufacturer's warranty; usually one year parts and labor unless otherwise noted.

Returns and Exchanges:

Our products come with a 60-day satisfaction guarantee. If an item proves to be unsatisfactory within this period you can return it to us (in its original product packaging) for a full refund or credit towards another product. Please insure it. Shipping charges are non-refundable. Please call for a return authorization. A reasonable deduction may be made for any damaged or missing items.

[Please keep your catalog.](#)

Privacy Policy:

We do not release any information about you to anyone. Our next catalog will mail in October of 2016. Thank you for your support.

Bargains:

We sometimes have returned merchandise available at about 10% off its regular price; we call these "orphans". Each item is carefully checked out and thoroughly cleaned. A full factory warranty and our 60-day satisfaction guarantee applies to these bargains also. These items are limited to stock on hand so call us to find out what is available or visit our website at: ccrane.com/orphans.

eNews Newsletter:

We invite you to sign up for our email notifications, exclusive deals and offers, product spotlights, announcements and special sales. You can subscribe at: ccrane.com/newsletter.

Pricing:

Unless we have an unusual circumstance or error, our prices and shipping costs are good through September 2016.

SPECIAL SERVICES

We love letters and emails about our products and services. Most of the letters are in praise and we distribute them around the departments to show everyone that we are doing a good job. We take care of each customer to the best of our ability and strive for excellence. I want to hear your story about experiences with C. Crane, good or bad. Your input becomes our plan for change so we can improve our service and continue to build your trust.

Thank you!
Robert C. Crane

Audio Product Instructions or Audio Catalog for the Vision Impaired:

You can download most product instructions free from our website at:
ccrane.com/audio-instructions.

Download our current audio catalog free from our website at:
ccrane.com/audio-catalog.

Product Audio instructions are free on the web or with purchase.

Repair Services:

Repairs generally take 4-6 weeks and are completed on a first come, first serve basis. We only repair products that are manufactured by C. Crane. Please call so we can set up a repair order for you. Most repairs are \$59.95 + \$11.95 return shipping but charges may vary. A check for \$71.90 or a credit card number must accompany the insured product. Please be sure to include current contact information including a phone number. **Please remove and keep the batteries, power cord or adapter, and carry case before sending the item to us. Our repairs are warranted for one year.**

GIFT CERTIFICATES

C. Crane gift certificates are the perfect solution for anyone who loves radio.

Our gift certificates are available in any amount and never expire.

Refunds for partial amounts will be issued in the form of an additional certificate. Call 800-522-8863 to order or visit:
ccrane.com/gift-certificates.



Our Mission

C. Crane is a Fortuna, California based company that develops radios and WiFi antennas with enhanced receiving and audio capabilities. We offer radios and light where there is no power available. The radios can receive weaker signals better or work without power. Many of our audio products are tailored for clarity of the spoken word.

As we have done for over 30 years, we promise to:

- Help you make the most appropriate product choices
- Extend customer service beyond the sale and take care of you to the best of our ability.

C. CRANE

172 Main Street
Fortuna CA 95540-1816

Phone Order Hours: 24/7 All Year

Customer Service, Tech and Returns: (Pacific Time)

8:15 AM - 12:00 and 1:00 PM - 5:00 PM Monday through Friday

Store Hours:

9:00 AM - 5:00 PM Monday through Friday

10:00 AM - 2:00 PM Saturday



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Web: ccrane.com • Email: customerservice@ccrane.com

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CC SKYWAVE RADIO

Travel Radio

The CC Skywave opens up a marvelous new world of radio when you're traveling.

See page 3.

Item #SKWV



CC WiFi 2 Internet Radio

With TuneIn, Bluetooth and FM

Receive Thousands of local and international stations clearly. Setup is easy; the radio guides you.

See page 12.

Item #CWF2

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